

	25	Subclass
136	Class	ISSUE CLASSIFICATION

5951785



UTILITY SERIAL NUMBER	790116	PATENT DATE	SEP 14 1998	PATENT NUMBER	5951785
-----------------------------	--------	-------------	-------------	------------------	---------

SERIAL NUMBER	05/790,116	FILING DATE	01/29/97	CLASS	136	SUBCLASS	251.000	GROUP ART UNIT	1733 HOT	EXAMINER	MEISTER
---------------	------------	-------------	----------	-------	-----	----------	---------	----------------	-------------	----------	---------

APPLICANTS
 KENJI UCHIHASHI, AMAGASAKI-CITY, JAPAN; TAKEO ISHIDA, OSAKA, JAPAN;
 HITOSHI KISHI, NEYAGAWA-CITY, JAPAN; RYUZO HAGIHARA, KADOMA-CITY, JAPAN.

CONTINUING DATA***
 VERIFIED NONE

mc. /

FOREIGN/PCT APPLICATIONS***

VERIFIED JAPAN 13379/1996 01/29/96
JAPAN 13380/1996 01/29/96
JAPAN 3983/1997 01/13/97

mc. /

Foreign priority claimed 35 USC 119 conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no PP	AS FILED	STATE OR COUNTRY	19	TOT. CLAIMS	20	INDEP. CLAIMS	3	FILING FEE RECEIVED	\$770.00	ATTORNEY'S DOCKET NO.
Verified and Acknowledged	Examiner's initials <u>DARBY AND DARBY</u>											

DARBY AND DARBY
 805 THIRD AVENUE
 NEW YORK NY 10022

ADDRESS

TITLE PHOTO-VOLTAIC APPARATUS

U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev 12-94)

8-10-99 Formal Drawings (19 shts) set 1 1-29-97		415
PARTS OF APPLICATION FILED SEPARATELY		Appraisals Examiner
NOTICE OF ALLOWANCE MAILED		Assistant Examiner
4-8-99		MARK CHAPMAN PRIMARY EXAMINER
ISSUE FEE		Primary Examiner
Amount Due	Date Paid	PREPARED FOR ISSUE
1210.00	12/10/99	AO1753 R53
Label Area		WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 8/92)

Formal Drawings (shts) set

ISSUE FEE IN FILE

(FACE)

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

136

251

APPLICATION SERIAL NUMBER

08/790116

CROSS REFERENCE(S)

CLASS

SUBCLASS
(ONE SUBCLASS PER BLOCK)

136

246

APPLICANT'S NAME (PLEASE PRINT)

Uchihashi et al.

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION

H01L

25/00

GROUP
ART UNIT

175.3

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Mark A. Chapman

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE